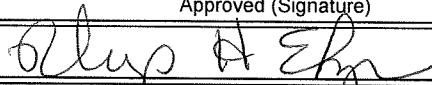


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U.S. Department of Agriculture <b>Accomplishments Report AD-421</b> U.S. Dept. of Agriculture, State Agricultural Experiment Stations and Other Institutions			Date (Month, Day, Year) <b>03/22/2012</b>
1. Accession <b>0222132</b>	Agency Identification No. 2. SAES 3. LA.B	5. Work Unit/Project No. <b>LAB04041</b>	6. Status <b>Annual Report</b>
7. Title <b>The Effects of Terrestrial-Aquatic Linkages on Invertebrates, Fish, and Other Aquatic Resources Examined by a Floodplain Restoration</b>			
12. Investigator Name(s) (Last Name and Initials) <b>Kaller, M. D.</b>			
20. Termination Date <b>04/30/2015</b>		40. Period Covered (mo/da/year): <b>01/01/2011 TO 12/31/2011</b>	
Outputs: <b>This project has resulted in one Master's thesis and one presented paper derived from data.</b>			
Outcomes/Impacts: <b>This project has established that the reference floodplain has substantially greater fish and invertebrate abundance and diversity than the floodplain undergoing restoration based on fish and invertebrate collections in 2011 in the Upper Ouachita National Wildlife Refuge. Further, the restored floodplain aquatic insect communities are beginning to resemble insect species composition in bayous and the river of the surrounding landscape suggesting restoration is underway.</b>			
Publications: <b>Sheftall IV, W. 2011. Factors Structuring Zooplankton Density and Composition within a Louisiana River and Floodplain Tributaries with Emphasis on Hydrologic Processes. Master's Thesis, Louisiana State University, Baton Rouge.</b> <b>Sheftall IV, W.S., M.D. Kaller, and W.E. Kelso. 2011. Zooplankton density and composition in river/floodplain habitats of the Ouachita River. 32nd Annual Meeting of the Louisiana Chapter of the American Fisheries Society.</b>			
Participants: <b>Kaller, M.D. (PI), S. Sheftall IV, A. Harlan, A. Williamson, M.A. Fries, D.G. Kelly, A. Piehler, B. Trumbo, T. Pasco, K. Jefferies, and D. Hill, LSU AgCenter; T. Kennedy, S. Haase, R. Martin, D. Weber, and R. Ulmer, The Nature Conservancy; G. Hanks, U.S. Fish and Wildlife Service.</b>			
Target Audiences: <b>The target audience includes private landowners with non-industrial and industrial bottomland and riparian forests, public agency land managers, public agency regulators, and policy makers.</b>			
Project Modifications: <b>D. Pollet, LSU AgCenter Department of Entomology, retired in 2010 and removed himself from the project.</b>			
Approved (Signature)		Title	Date
			<b>3-23-12</b>